

teuthology - Bug #46300

**SELinux: denied { module_request } for comm="ksmtuned" kmod="binfmt-464c"
scontext=system_u:system_r:ksmtuned_t:s0 tcontext=system_u:system_r:kernel_t:s0**

07/01/2020 01:11 PM - Sebastian Wagner

Status:	Resolved	% Done:	0%
Priority:	Normal	Spent time:	0.00 hour
Assignee:	Patrick Donnelly		
Category:			
Target version:			
Source:	Q/A	Reviewed:	
Tags:		Affected Versions:	
Backport:		ceph-qa-suite:	
Regression:	No	Crash signature:	
Severity:	3 - minor		

Description

https://pulpito.ceph.com/swagner-2020-07-01_10:16:24-rados:cephadm-wip-swagner3-testing-2020-07-01-1013-distro-basic-smithi/5194327/

Saw this today in a PR run:

```
2020-07-01T11:23:01.692 INFO:teuthology.orchestra.run.smithi071:> sudo grep -a 'avc: .*denied' /var/log/audit/audit.log | grep -av '\(comm="dmidecode"|chronyd.service|name="ceph-test"|scontext=system_u:system_r:nrpe_t:s0|scontext=system_u:system_r:pcp_pmlogger_t|scontext=system_u:system_r:pcp_pmc_d_t:s0|comm="rhmtd"|scontext=system_u:system_r:syslogd_t:s0|tcontext=system_u:system_r:nrpe_t:s0|comm="updatedb"|comm="smartd"|comm="rhsmcertd-worker"|comm="setroubleshootd"|comm="rpm"|tcontext=system_u:object_r:container_runtime_exec_t:s0|scontext=system_u:system_r:logrotate_t:s0\)'
2020-07-01T11:23:01.722 DEBUG:teuthology.orchestra.run:got remote process result: 1
2020-07-01T11:23:01.723 ERROR:teuthology.run_tasks:Manager failed: selinux
Traceback (most recent call last):
  File "/home/teuthworker/src/git.ceph.com_git_teuthology_master/teuthology/run_tasks.py", line 171, in run_tasks
    suppress = manager.__exit__(*exc_info)
  File "/home/teuthworker/src/git.ceph.com_git_teuthology_master/teuthology/task/__init__.py", line 136, in __exit__
    self.teardown()
  File "/home/teuthworker/src/git.ceph.com_git_teuthology_master/teuthology/task/selinux.py", line 158, in teardown
    self.get_new_denials()
  File "/home/teuthworker/src/git.ceph.com_git_teuthology_master/teuthology/task/selinux.py", line 208, in get_new_denials
    denials=new_denials[remote.name])
teuthology.exceptions.SELinuxError: SELinux denials found on ubuntu@smithi174.front.sepia.ceph.com: ['type=AVC msg=audit(1593601294.109:4683): avc: denied { module_request } for pid=18957 comm="ksmtuned" kmod="binfmt-464c" scontext=system_u:system_r:ksmtuned_t:s0 tcontext=system_u:system_r:kernel_t:s0 tclass=system permissive=1']
```

no clue where this comes from. Might be related to the PRs I tested, but seems unrelated:

- <https://github.com/ceph/ceph/pull/35850>
- <https://github.com/ceph/ceph/pull/35846>
- <https://github.com/ceph/ceph/pull/35816>
- <https://github.com/ceph/ceph/pull/35747>

History

#1 - 07/01/2020 04:47 PM - Nathan Cutler

Boris Ranto and/or Brad Hubbard might be able to help.

#2 - 07/17/2020 10:32 PM - Patrick Donnelly

- *Project changed from RADOS to teuthology*
- *Status changed from New to In Progress*
- *Assignee set to Patrick Donnelly*

`/ceph/teuthology-archive/pdonnell-2020-07-17_01:51:48-fs-wip-pdonnell-testing-20200717.003135-distro-basic-smithi/5233317/teuthology.log`

#3 - 07/17/2020 10:34 PM - Patrick Donnelly

- *Status changed from In Progress to Fix Under Review*

<https://github.com/ceph/teuthology/pull/1539>

#4 - 07/20/2020 01:44 AM - Brad Hubbard

This doesn't seem to be related to ceph and looks like a rhel/ksmtuned bug to me. So I think whitelisting it in teuthology is the right solution.

#5 - 07/20/2020 01:46 AM - Brad Hubbard

- *Status changed from Fix Under Review to Resolved*